

FIG 1

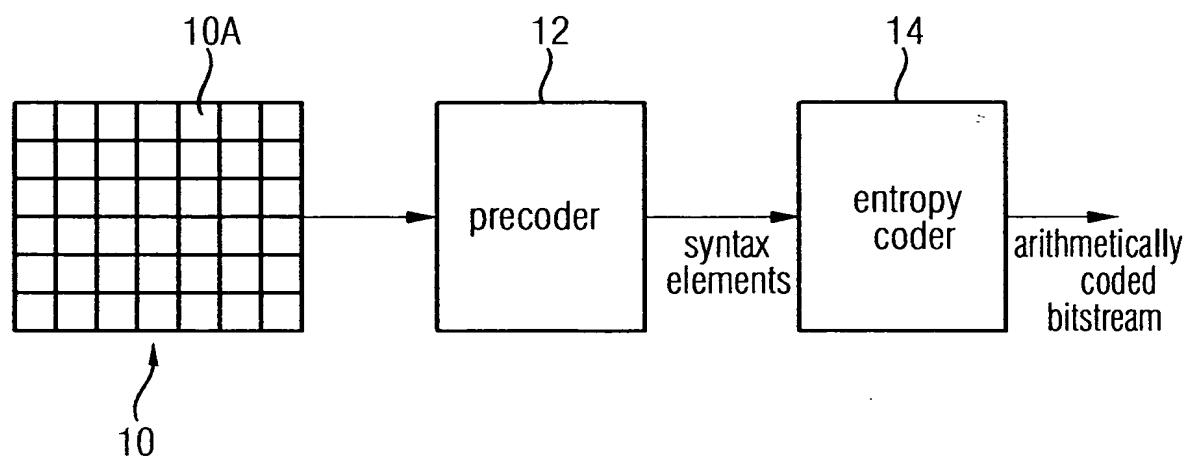


FIG 10

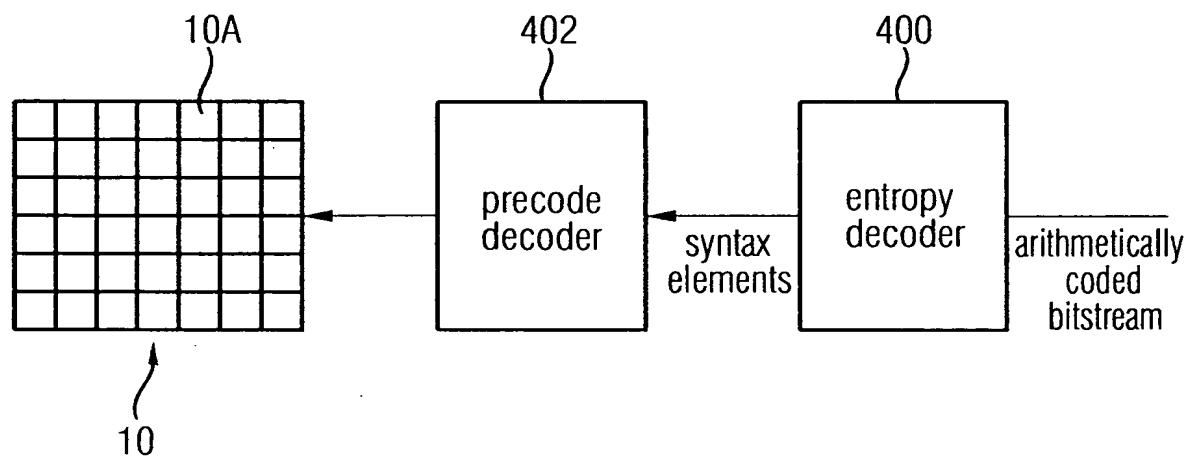


FIG 4A

pixel
row number

10B

	X	X	X	X	X	X
$2n+1$	1	2	3	4	5	6
$2n+2$	11	12	13	14	15	16
$2n+3$	X	X	X	X	X	X
	21	22	23	24	25	26
$2n+4$	31	32	33	34	35	36
$2n+5$	X	X	X	X	X	X
	41	42	43	44	45	46
$2n+6$	51	52	53	54	55	56
⋮	⋮					
$2n+10$	91	92	93	94	95	96
$2n+11$	X	X	X	X	X	X
	101	102	103	104	105	106
$2n+12$	111	112	113	114	115	116

250

X	X	X	X	X	X	X
1	2	3	4	5	6	...
11	12	13	14	15	16	...
X	X	X	X	X	X	...
21	22	23	24	25	26	...
...
31	32	33	34	35	36	...
254	255	256	257	258	259	260
252	253	254	255	256	257	258
61	62	63	64	65	66	67
X	X	X	X	X	X	...
71	72	73	74	75	76	...
81	82	83	84	85	86	...
...

FIG 2

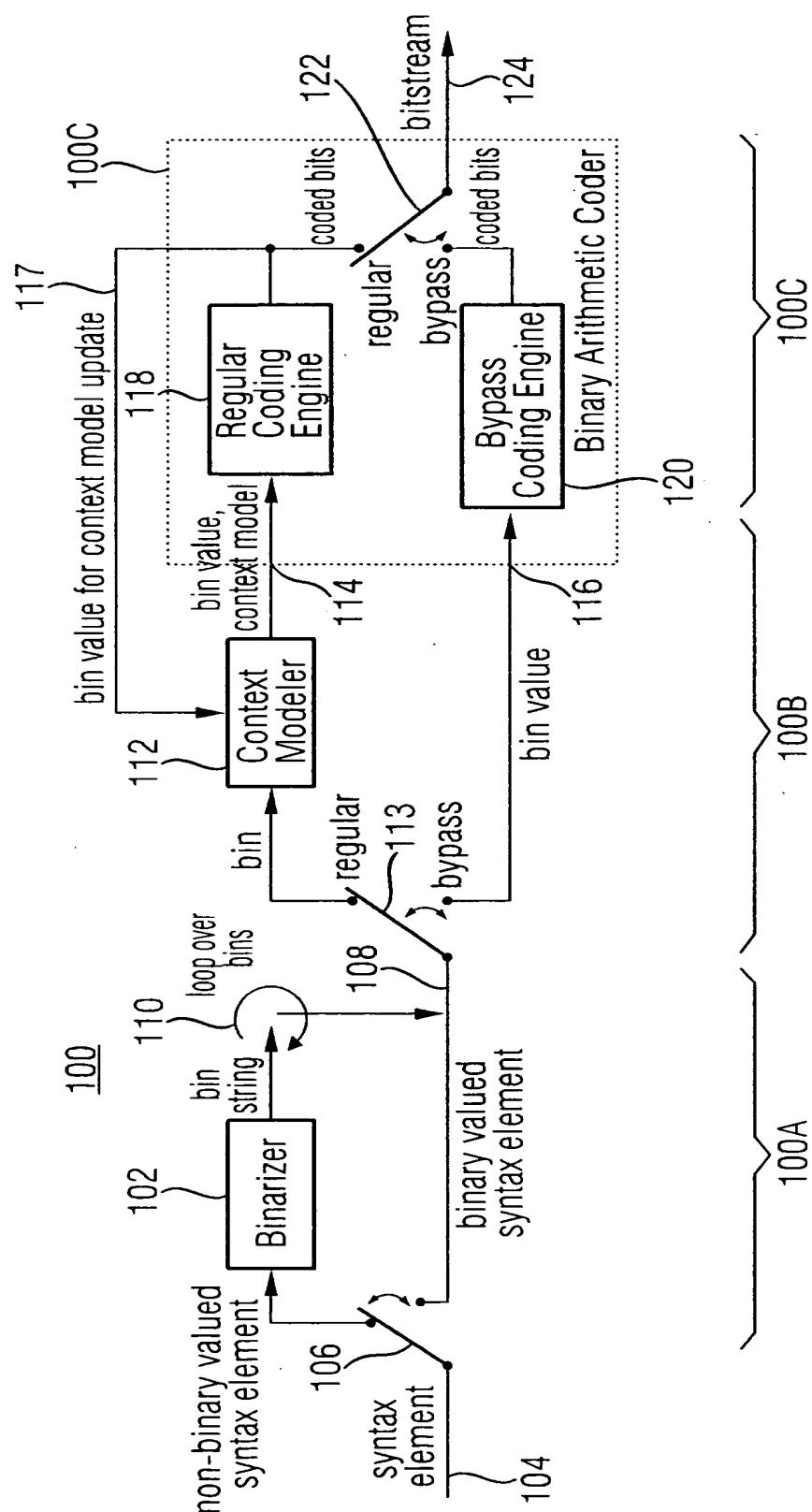


FIG 4B

pixel
row number

10B						
$2n+1$	1	2	3	4	5	6
$2n+2$	11	12	13	14	15	16
$2n+3$	X	X	X	X	X	X
	21	22	23	24	25	26
$2n+4$	31	32	33	34	35	36
$2n+5$	X	X	X	X	X	X
	41	42	43	44	45	46
$2n+6$	51	52	53	54	55	56
⋮	⋮	⋮	⋮	⋮	⋮	⋮

256

252

X	X	X	X	X	X	X
1	2	3	4	5	6	...
X	X	X	X	X	X	X
21	22	23	24	25	26	...
X	X	X	X	X	X	X
41	42	43	44	45	46	...
X	X	X	X	X	X	X
61	62	63	64	65	66	...
⋮	⋮	⋮	⋮	⋮	⋮	⋮

254

□	□	□	□	□	□	□
11	12	13	14	15	16	...
□	□	□	□	□	□	...
31	32	33	34	35	36	...
□	□	□	□	□	□	...
51	52	53	54	55	56	...
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG 3

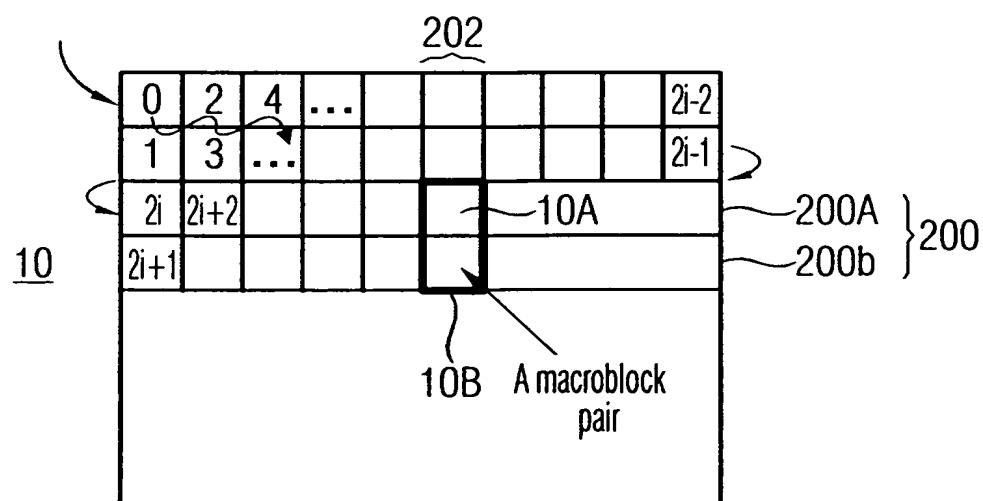


FIG 5

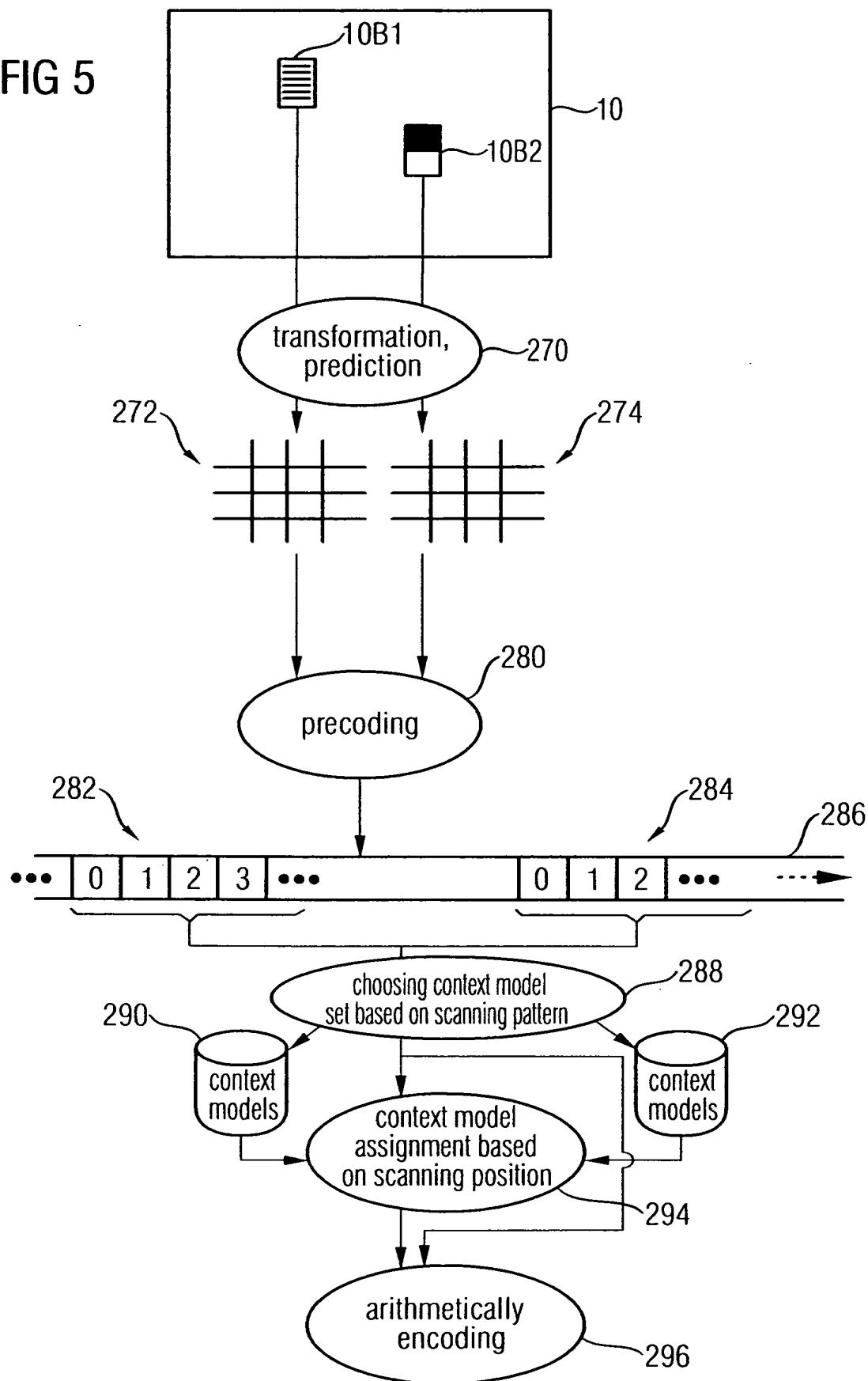


FIG 6

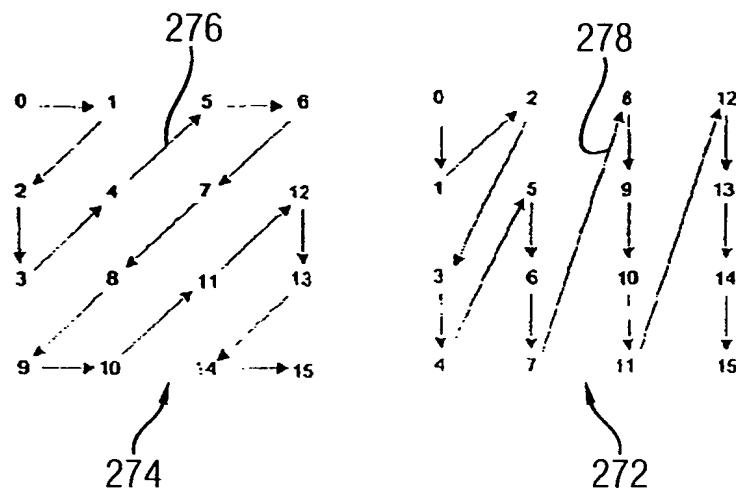


FIG 7

Scanning position	0	1	2	3	4	5	6	7	8
Transf. coefficient levels	9	0	-5	3	0	0	-1	0	1
significant_coeff_flag	1	0	1	1	0	0	1	0	1
last_significant_coeff_flag	0		0	0			0		1

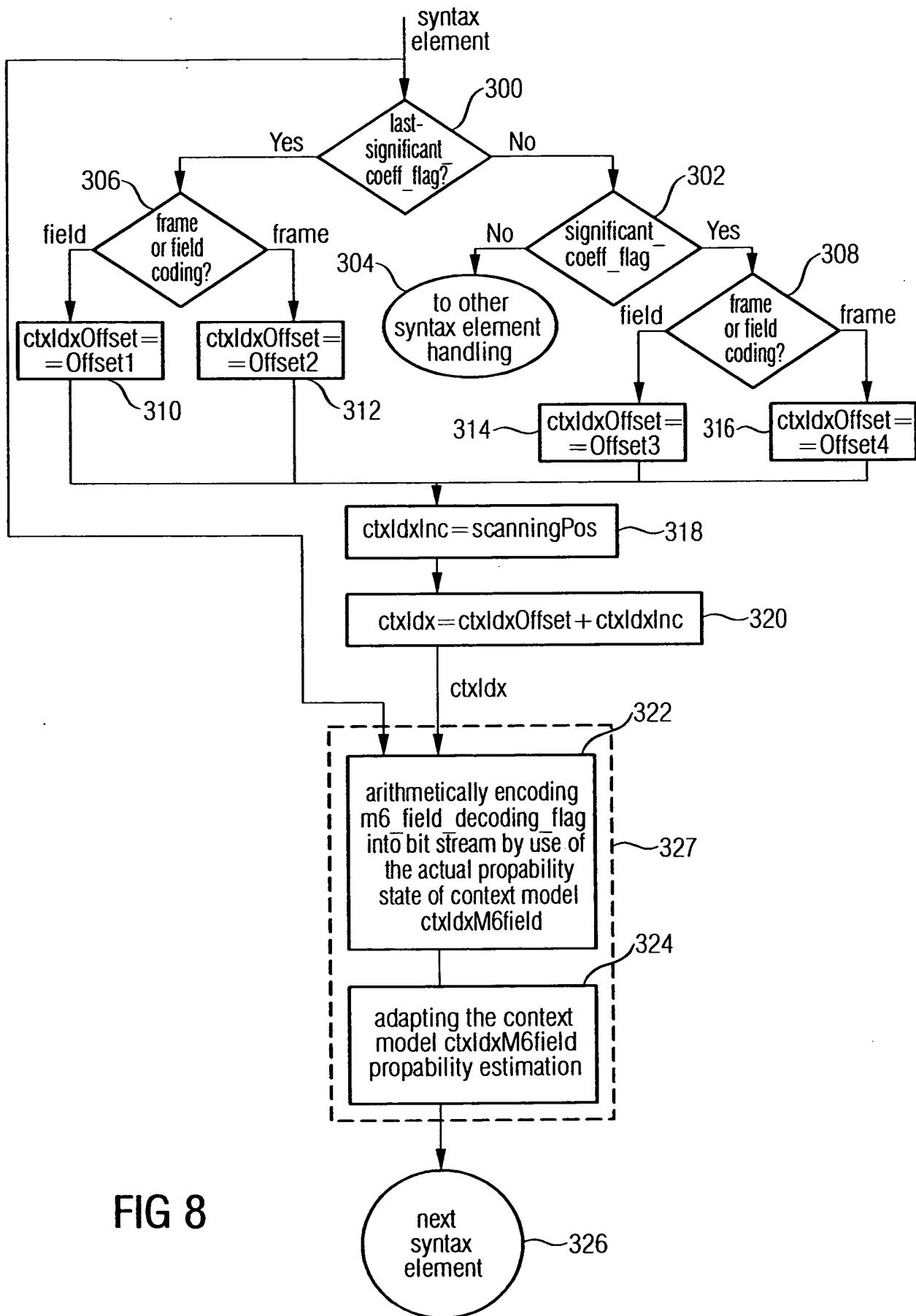


FIG 9

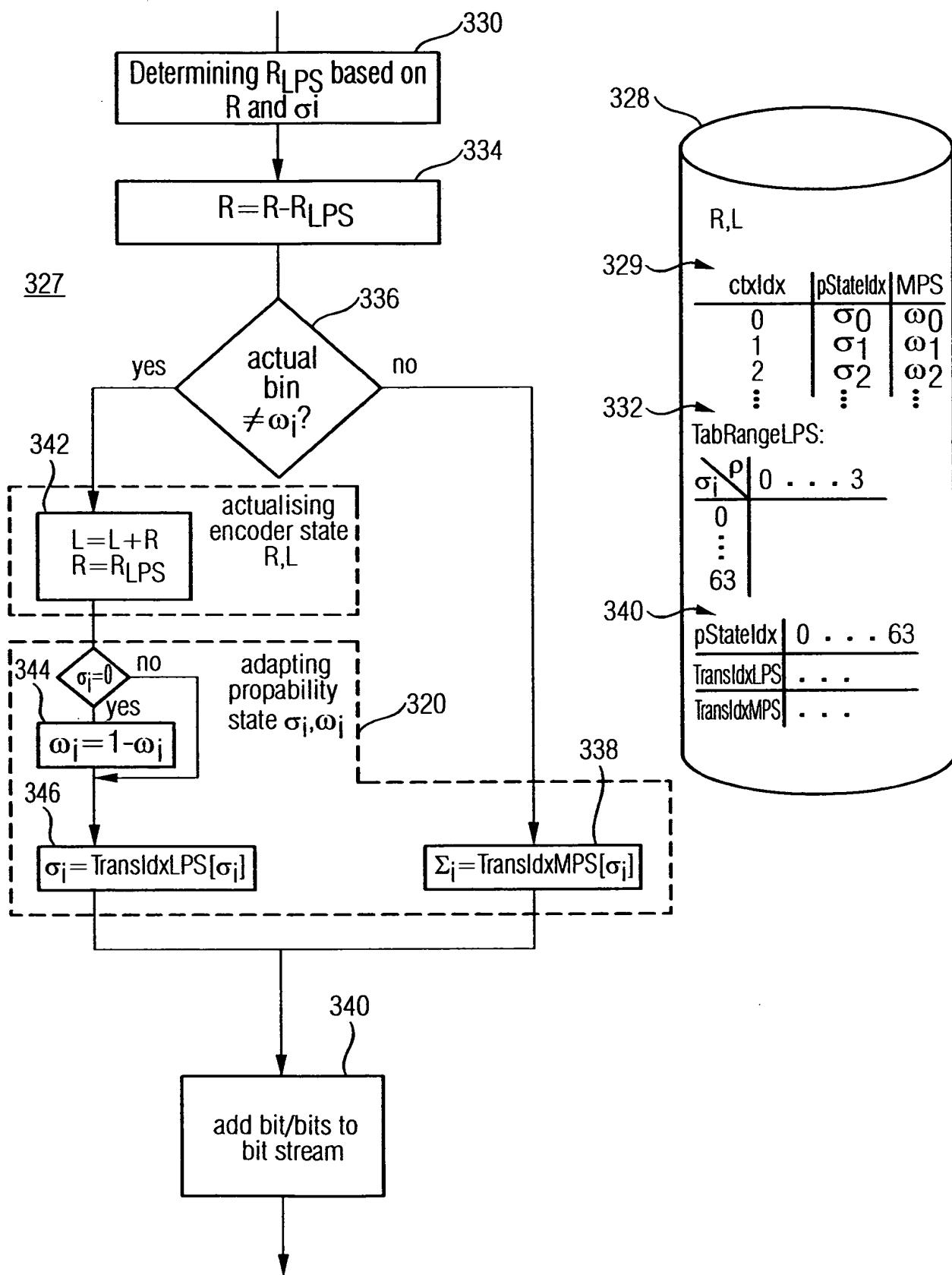


FIG 11

```

1 residual_block_cabac( coeffLevel, maxNumCoeff ) {
2     coded_block_flag
3     if( coded_block_flag ) {
4         numCoeff = maxNumCoeff
5         i = 0
6         do {
7             significant_coeff_flag[ i ]
8             if( significant_coeff_flag[ i ] ) {
9                 last_significant_coeff_flag[ i ]
10                if( last_significant_coeff_flag[ i ] ) {
11                    numCoeff = i + 1
12                    for( j = numCoeff; j < maxNumCoeff; j++ )
13                        coeffLevel[ j ] = 0
14                }
15            }
16            i++
17        } while( i < numCoeff-1 )
18        coeff_abs_level_minus1[ numCoeff-1 ]
19        coeff_sign_flag[ numCoeff-1 ]
20        coeffLevel[ numCoeff-1 ] = ( coeff_abs_level_minus1[ numCoeff-1 ] + 1 )
21        * ( 1 - 2 * coeff_sign_flag[ numCoeff-1 ] )
22        for( i = numCoeff-2; i >= 0; i-- ) {
23            if( significant_coeff_flag[ i ] ) {
24                coeff_abs_level_minus1[ i ]
25                coeff_sign_flag[ i ]
26                coeffLevel[ i ] = ( coeff_abs_level_minus1[ i ] + 1 ) *
27                    ( 1 - 2 * coeff_sign_flag[ i ] )
28            } else
29                coeffLevel[ i ] = 0
30        }
31    } else
32        for( i = 0; i < maxNumCoeff; i++ )
33            coeffLevel[ i ] = 0
34    }

```

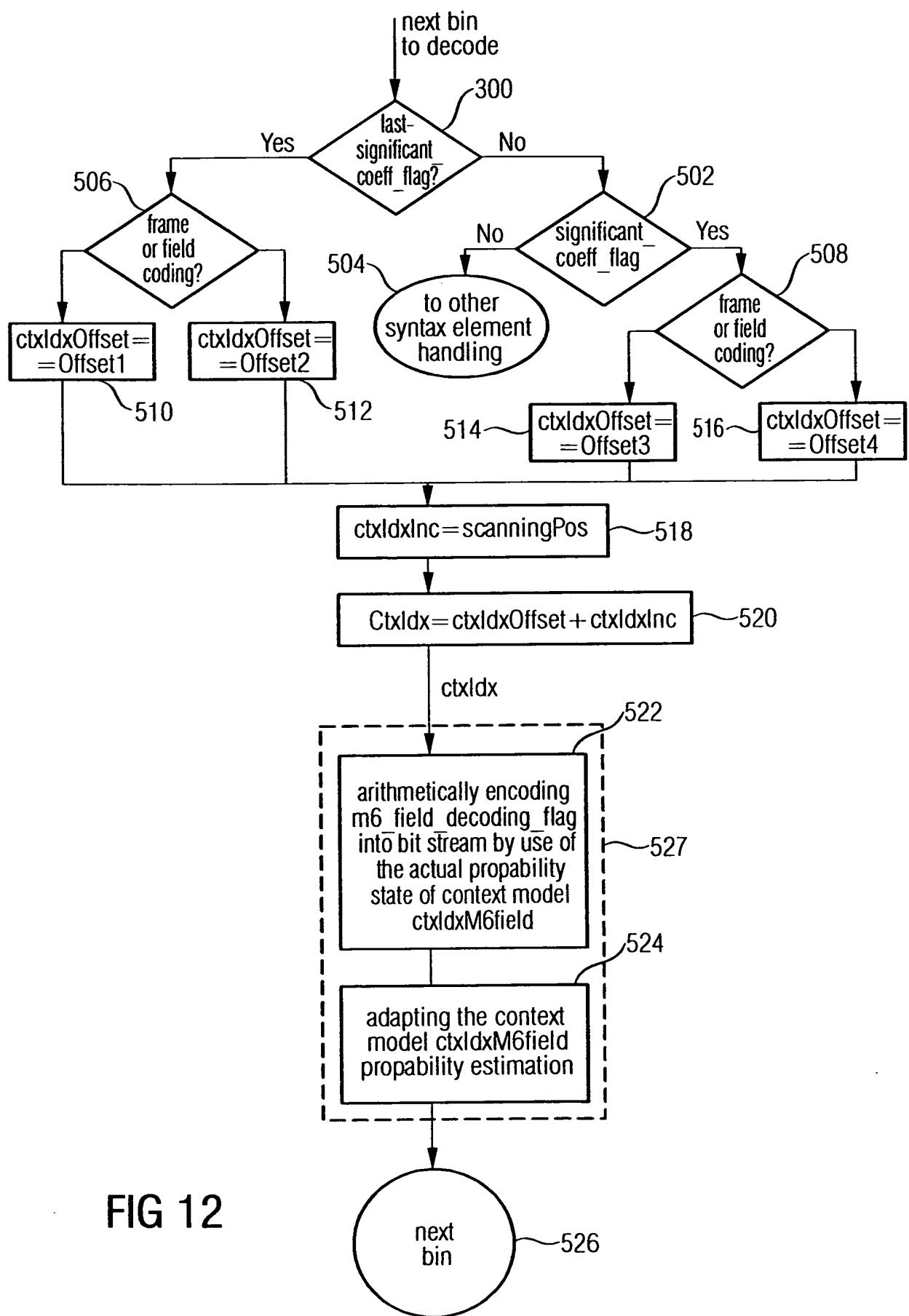


FIG 12

FIG 13

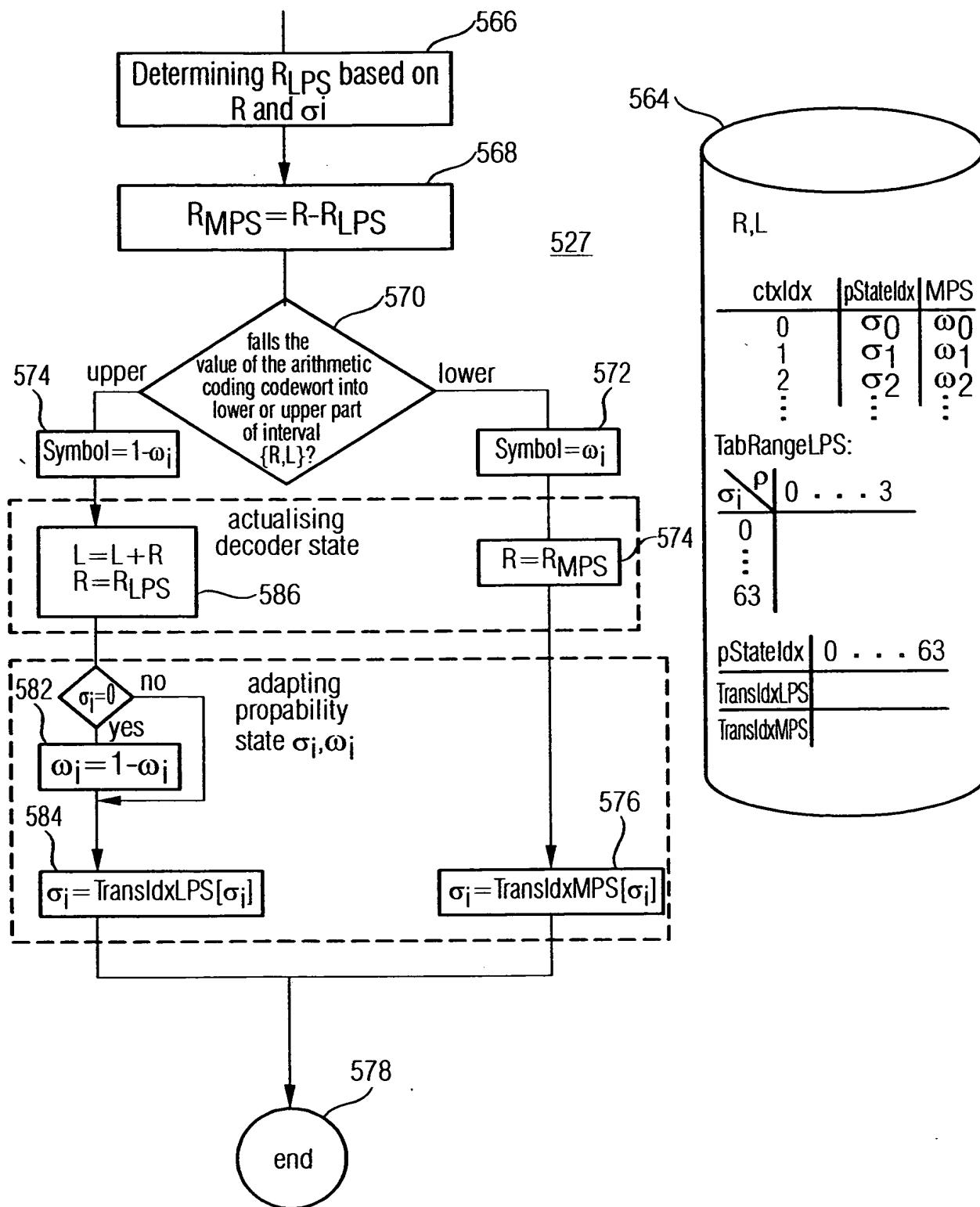


FIG 14

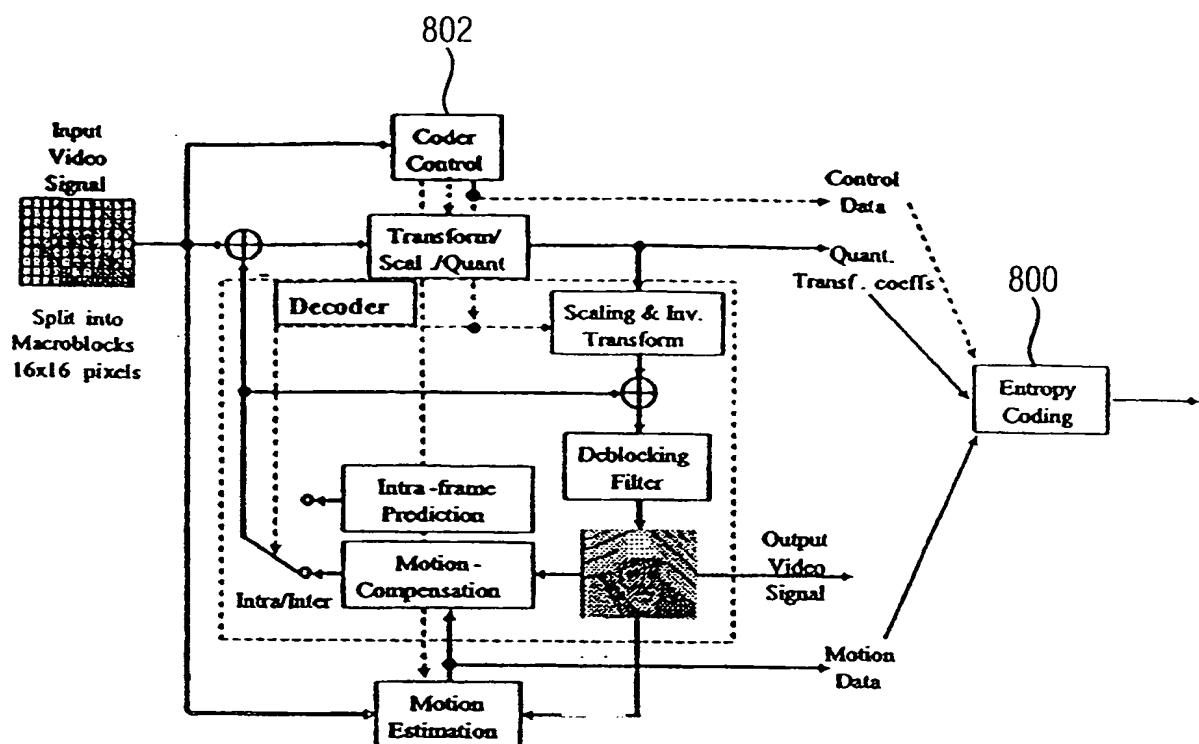
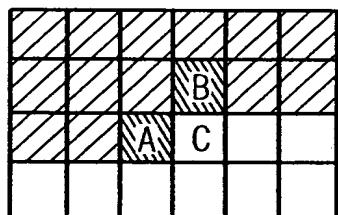


FIG 17

FIG 15



Q	A	B	C	D	E	F	G	H
I	a	b	c	d				
J	e	f	g	h				
K	i	j	k	l				
L	m	n	o	p				

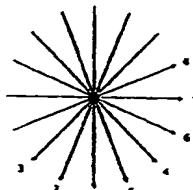


FIG 16

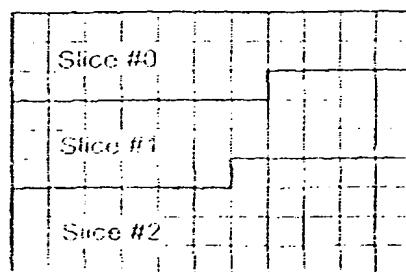


FIG 18A

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FIG 18B

FIG 18C

FIG 18D

FIG 19

